

# Ararat Water Treatment Plant

(reference site only)



**TRILITY**  
A member of **BEWG**

## Upgraded Ararat fluoride dosing system to comply with the Code of Practice for the fluoridation of drinking water supplies



Design and construction of a packaged fluoride dosing system to replace a non-compliant system



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# Design, manufacture, install and commission a new building to house an upgraded fluoride dosing system

Ararat is a city about 198 kilometres west of Melbourne with a population of approximately 11,500 people.

In 2018, Grampians Wimmera Mallee (GWM) Water upgraded the fluoride storage and dosing system at the Ararat Water Treatment Plant (WTP). TRILITY has a long history of service and solutions delivery to GWM Water and we were awarded the upgrade works which were performed to bring the 2015 built plant into compliance.

TRILITY provided a complete turn key solution to comply with recently updated codes of practice for the fluoridation of drinking water supplies. The fluorosilicic acid (FSA) fluoride dosing facility was constructed in a new building with a fully automated FSA dosing system controlled by the WTP's PLC.



## Who

TRILITY operates and maintains four water treatment plants in western Victorian townships under an existing 25-year agreement with the Grampians Wimmera Mallee Water in western Victoria.

## What

Fluoride dosing system, including:

- Underground storage tank
- Tanker unloading system
- Fluorosilicic acid dosing skid
- Safety showers
- Analysers

## Where

Ararat, Victoria

## Why

Upgrade the fluoridation dosing system at Ararat WTP to ensure compliance with the updated code of practice for the fluoridation of drinking water supplies.

## Snapshot

<b>Client</b>	TRILITY/GWM Water
<b>Technology</b>	Fluorosilicic acid dosing skid
<b>Capacity</b>	1kg/ML FSA @15ML/day water flow

### For further information

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